

MATERIAL SAFETY DATA SHEET

NPCA 1-7

JAN 15 1982

PAINTS, COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP.

1/10/79

Section I

MANUFACTURER'S NAME RAM CHEMICALS Div. Whittaker Corp.

STREET ADDRESS 210 E. Alondra Blvd.

CITY, STATE, AND ZIP CODE Gardena, CA 90248

EMERGENCY TELEPHONE NO. (213) 321-0710

PRODUCT CLASS Benzoyl Peroxide Paste

MANUFACTURERS CODE IDENTIFICATION

TRADE NAME Garox BZP, Garox QZA, Lupersol ANS-55, Garox 55A (55% conc.)

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV		LEL	VAPOR PRESSURE
		PPM	mg/m ³		
BENZOYL PEROXIDE CAS 94-36-0	50-55		5		

Section III - PHYSICAL DATA

BOILING RANGE N.A.

VAPOR DENSITY ☒ HEAVIER, ☐ LIGHTER, THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER, THAN ETHER

PERCENT VOLATILE BY VOLUME

WEIGHT PER GALLON @ 8 lbs.

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLAME CATEGORY Organic Peroxide Solid, NOS

FLASH POINT Self-Accelerating
Decomposition Temperature
110° to 130°F.

EXTINGUISHING MEDIA

CO₂, Dry Chemical, Foam

USUAL FIRE AND EXPLOSION HAZARDS

Will burn vigorously if ignited.

FIRE FIGHTING PROCEDURES

See Chemical Safety Sheet SD-81, Paragraph 3.2 and Paragraph 6 Manufacturing Chemists Association.

BOE-C6-0209373

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

Eye contact: flush well with water.
Skin contact: wash with soap and water.

Section VI — REACTIVITY DATA

STABILITY ☒ UNSTABLE ☐ STABLE

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

CONDITIONS TO AVOID

Avoid extended exposure to temperatures over 100°F. Avoid reducing agents, amines, Mineral acids, and metal salt accelerators.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Collect material with non-sparking utensils; burn under carefully controlled conditions, in small quantities.

WASTE DISPOSAL METHOD Incineration or chemical hydrolysis; see MCA Chemical Safety Data Sheet SD-81, Paragraph 9

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

VENTILATION

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool place, away from heat, sparks and open flame. Maintain storage area well below 100°F. Do not add to hot mixtures. Storage

OTHER PRECAUTIONS area should be constructed as directed by insurance carriers or regulatory boards, and material removed from there only in small quantities as needed for use.



Los Angeles Coatings & Chemicals Division
Whittaker Corporation
210 East Alondra
P.O. Box 192, Gardena, California 90248
213/321-0710

August 8, 1979

M. J. Veneroso, Dept. C1-725 (52-11)
Materials Handling & Pkg. Engr.
DOUGLAS AIRCRAFT CO.
3855 Lakewood Blvd.
Long Beach, CA 90846

SUBJECT: Garox BZP

Gentlemen:

In reply to your letter of August 7, C1-725-98,
we can advise the following:

1. DOT Proper Shipping Name per Section
172.101, 49 CFR is Organic Peroxide Solid, N.O.S.
2. DOT Hazard Classification per Section
172.101, 49 CFR is Organic Peroxide.
3. Flash Point and Closed Cup method per
Section 173.115, 49 CFR. This product has a
self-accelerating decomposition temperature of
110°F.
4. IATA Article Number is 1392.

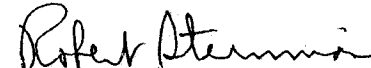
Since this product contains no solvent, the
SC/AQMD does not require a statement as to photochemical
reactivity.

Enclosed is a Material Safety Data Sheet for
Garox BZP.

Please advise if we can be of further assistance.

Sincerely,

RAM CHEMICALS


Robert Steinman, Ph.D.
Sales Manager

RS/ca
ecn.

DPM 712
Paste, Benzoyl
Peroxide